

S.O.G.E.S. LEADERS IN 1947-48



BELANGER SUCCEEDS WILBER AS PRESIDENT

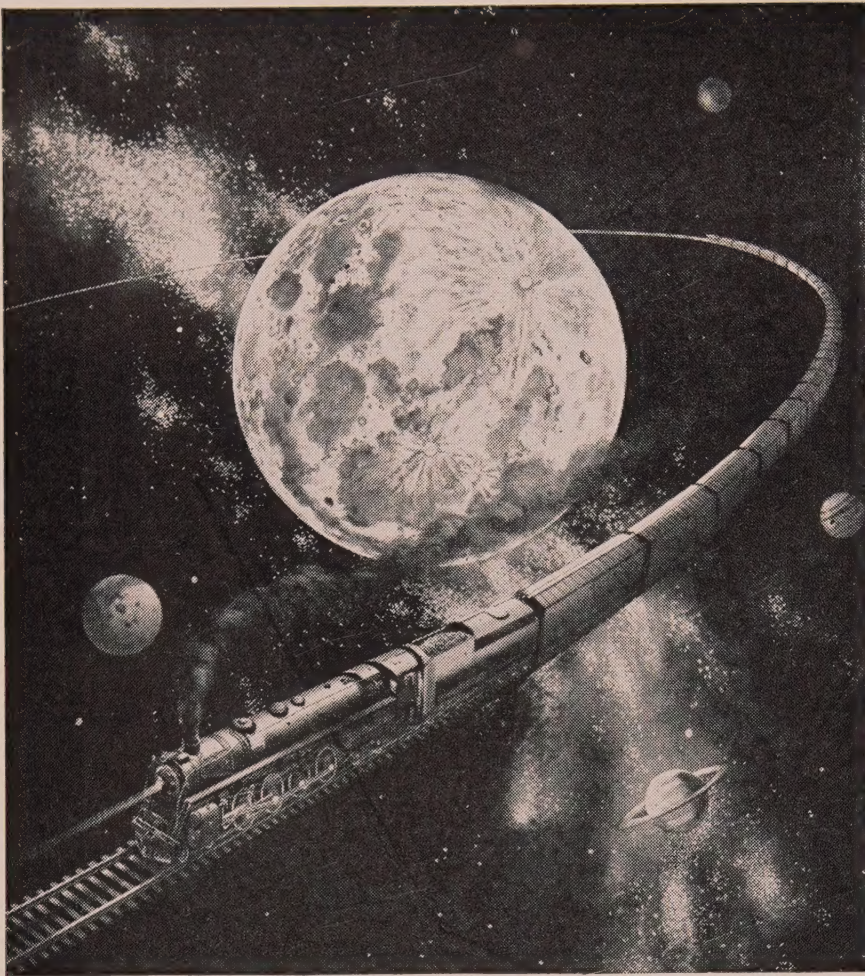
Seated: Retiring president, Harold C. Wilber (left), Superintendent of Elevators, A. E. Staley Mfg. Co., Decatur, Ill.; President, John Belanger, Resident Manager, Manitoba Pool Elevators, Ltd., Port Arthur.

Standing: First vice-president, Clifford A. MacIver (left), Ass't Superintendent of Elevators, Archer-Daniels-Midland Co., Minneapolis; Second vice-president, Charles J. Winters, Superintendent, Public Grain Elevator, New Orleans.

Grain

THE MAGAZINE OF PLANT MANAGEMENT AND OPERATION

June, 1947



Round Trip to the Moon

● A ton of freight to the moon and back! That's one good way to measure the freight moved by American railroads in 1946 for *each* of the men and women on the railroads' payroll.

Working alone—with his bare hands—each one of these railroaders would have accomplished little. But working together and equipped with the right tools—cars and locomotives, tracks and stations, signals and shops—the immense job was handled efficiently and dependably. And it was done at a cost to the nation's shippers averaging only one cent for hauling a ton one mile.

To provide these essential tools, there has been invested nearly \$20,000 per worker, furnished almost wholly by private funds. To improve these tools,

there must be still more investment—which cannot be expected to continue unless railroads have a chance to earn reasonable profits on these funds.

But during the past twenty-five years — through boom years, depression years and war years — the railroads have averaged a return on their net investment of only 3¼%.

In 1947, even with the increased rates recently authorized by the Interstate Commerce Commission and with freight traffic continuing at its record-breaking peacetime level, railroads will probably earn only about half the 6% return which nine out of ten people think is no more than a fair profit, and which is necessary to attract continued investment in these essential railroads.

ASSOCIATION OF **AMERICAN RAILROADS** WASHINGTON 6, D.C.



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SOGES CHAPTER MEETING DATES

1st TUESDAY—Minnesota SOGES Chapter. Smith Champlin, Archer-Daniels-Midland Co., Minneapolis, President; James Auld, Hales & Hunter Co., St. Louis Park, Secretary.

2nd TUESDAY — Omaha-Council Bluffs SOGES Chapter. Charles F. Walker, Archer-Daniels-Midland Co., Council Bluffs, President; John T. Goetzinger, Rosenbaum Brothers, Omaha, Secretary.

2nd FRIDAY — Central States SOGES Chapter. M. M. Darling, Acme-Evans Co., Indianapolis, President; N. R. Adkins, Purina Mills, Lafayette, Ind., Secretary.

3rd TUESDAY — Kansas City SOGES Chapter. Claude Darbe, Simonds-Shields-Theis Grain Co., President; Orrin E. Kinman, Cargill, Inc., Secretary.

3rd TUESDAY — Chicago Soges Chapter. Leonard Danielson, Arcady Farms Milling Co., President; Lincoln Scott, Corn Products Refining Co., Argo, Secretary.

Plant Heads Don Seven League Boots

By FRANK J. SLEPICKA

Opened by Harold C. Wilber, A. E. Staley Mfg. Co., Decatur, Ill., SOGES president, the address of welcome by Frank A. Theis, president of Simonds - Shields - Theis Grain Co., Kansas City, superbly gave his listeners a thought-packed message that carried a wealth of information far beyond the usual welcoming speech. R. B. Pow, Reliance Grain Co., Ltd., Fort William, Ont., sincerely expressed the thoughts of all in his response labelled: "We're Glad To Be Here." Officers' reports drew attention to the rapid growth of the Society and its many accomplishments.

Subjects "Beamed" To Today's Problems

Technically the scheduled speakers and round table discussions and panels produced and highlighted new methods and operations for mechanical efficiency, for sanitation, management and labor relations, safety measures, and the latest factors in grain handling and storage—and the conservation of food resources. Subsequent issues of "GRAIN" will feature the individual subjects as presented to those in attendance, for to abridge these talks and papers would be depriving our readers of a most liberal educational opportunity. However, it should be stated that in addition to Frank Theis' "opener," outstanding talks were given by Richard Uhlmann, president of Uhlmann Grain Co., Chicago, who explained clearly the relations of the futures market to elevator and processing plant operations, and by Bennett Chapple, who spoke to an entranced banquet crowd on, "What's Next On The Program." Mr. Chapple, assistant to the president of The American Rolling Mill Co., Middletown, Ohio, certainly has no superior as an after dinner speaker as regards the sincerity and fervor of his words.

Array of Talent

The business sessions of the three day meeting were planned for direct and pertinent coverage of important matters. Edgar S. Miller, Technical

"TOPS" in attendance and in accomplishments—that was the unanimous opinion of the record-shattering attendance at the hard-working, continent-wide 18th Annual Convention of the Society of Grain Elevator Superintendents—that progressive body of plant management executives responsible for the handling, conditioning and processing of grain and grain products.

Kansas City's Hotel Continental was the mecca of a lot of new and valuable ideas on May 15-16-17, which climaxed months of work and preparation by the progressive local SOGES Chapter. The three days were expertly planned and programmed by capable Ward Stanley and his committee, and throughout the tenure of the convention the sessions were exceptionally well attended.

The increased number of owners and business heads present marvelled at the manner in which the program moved along effectively and with thoroughness. Although it obviously is impossible to anticipate in advance how long or how short a period of time the discussion upon a controversial subject will require, no time limitations were clamped on any speaker—and the convention delegates were not at all impatient to adjourn even though the program ran much overtime. The many expert presiding chairmen functioned faultlessly and for clarification from beginning to end, which, added to the splendid program, resulted in the finest convention ever. A "Seven League Boot" Convention it was indeed.

Editor of *American Miller & Processor*, spoke on "The Damaging Effects of Moisture on Grains and Grain Products"; Dr. Max Milner of Kansas State College covered "Respiration and Deterioration of Grain in Storage" and Dr. Ted Bayfield, Standard Milling Co., Chicago, spoke on "Varieties and Identification of Grain." Speakers

stressing the need for greater sanitation included: John Whinery, Rodney Milling Co., Kansas City, on "The New War Cry of the U. S. Food & Drug Administration"; Dr. B. N. Smallman, Science Service Branch, Dominion Department of Agriculture, Winnipeg, on "Control of Warehouse Pests," and Ted C. Manning, Uhl-

mann Grain Co., Kansas City, who staged an interesting series of experiments with fumigants.

During the fire and explosion part of the meeting all subjects of prime interest were dealt with by such authorities as Frank Carlson and Charles E. Harbin of the Underwriters Grain Ass'n., Chicago; Percy C. Poulton, N. M. Paterson & Co., Ltd., Fort William, Ont.; Oscar W. Olsen, Globe Elevator Division of F. H. Peavey & Co., Duluth; Clifford A. MacIver, Archer-Daniels-Midland Co., Minneapolis, and others.

Labor relations and trends were ably handled by Stanley Garrity,

prominent Kansas City attorney; Charles Winters, Public Grain Elevator, New Orleans, and Robert Bredt, Fruen Milling Co., Minneapolis.

Panel Discussions Sparkled

The many panel discussions were handled with dispatch and thoroughness. Subjects included: Elevating and Conveying; Cleaning, Binning, Grading, Mixing and Storage; Car Unloading, Shovels; and the various round tables for enlightenment on specific grain problems.

During the convention tours were made to Ralston-Purina, General Motors, the Santa Fe elevator, and to

flour mills. The annual fish and beer (courtesy of Anheuser-Busch, Inc.) lunch was held as usual and the banquet culminated three days of interesting and worth-while functions.

The Kansas City chapter proved magnificent hosts and earned the appreciation of all in attendance, especially the SOGES ladies who were the "special guests" of the chapter. Ward E. Stanley, Standard Milling Co., general chairman of the convention, and his Kansas City chapter committee, earned the thanks of all. It was a job well done.

Voting to meet in Indianapolis next year on May 13-14-15, the total registration at this recently concluded conference set an all-time high of 317 registrants, with probably another 50 who did not register. The ladies' registration passed the 100 mark for the first time, reaching an all-time high figure of 127.

NEW OFFICERS ELECTED

New officers elected include John Belanger, Resident Manager, Manitoba Pool Elevators, Ltd., Port Arthur, Ont., who succeeded Harold C. Wilber, Superintendent of Elevators, A. E. Staley Manufacturing Co., Decatur, Ill. President-Elect Belanger served as first vice-president last year.

Second vice-president Clifford A. MacIver, Assistant Superintendent of Elevators, Archer-Daniels-Midland Co., Minneapolis, succeeded Mr. Belanger to the first vice-presidency, and director Charles J. Winters, Superintendent, Public Grain Elevator, New Orleans, La., stepped into the second vice-presidency.

New directors, elected for three years, include J. Bruce Winfield, Canadian Pacific Elevator, Port McNicoll, Ont.; Lloyd E. Forsell, Albert Schwill & Co., maltsters of Chicago, and Arthur J. J. Meyer, McCabe Bros. Grain Co., Ltd., Fort William.

Hold-over directors, whose terms expire in 1948, include Robert R. Bredt, Secretary, Fruen Milling Co., Minneapolis; M. M. "Mac" Darling, Acme-Evans Co., Indianapolis, and H. L. "Roy" Henrikson, Terminal Grain Corp., Sioux City, Ia.

Directors, whose terms expire in 1949, include Ward E. Stanley, Standard Milling Co., Kansas City, Mo.; Peyton A. Kier, National Milling Branch, National Biscuit Co., Toledo, and John A. Mack, Standard Milling Co., Buffalo.

Dean M. Clark of Chicago was elected executive secretary by the directors.

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5. Cuts maintenance costs.
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Look Who Was There

Among those who registered, and unfortunately about fifty didn't, were: Ed. R. Anderson, Norris Grain Co., Chicago; Henry J. Anderson, Bunge Elevator Corp., Minneapolis; Wayne P. Anderson, Norris Grain Co., Kansas City; John Andrews, Northland Machinery Supply Co. Ltd., Fort William; Hy H. Arendall, Innis-Speiden Co., New York, N.Y.; Walfred Augustson, Van Dusen-Harrington Co., Minneapolis; Clarence C. Bach, Archer-Daniels-Midland Co., Minneapolis; R. C. Bakke, Pillsbury Mills, Inc., Minneapolis; John Belanger, Manitoba Pool Elevators Ltd., Fort William; Guy R. Bell, Consolidated Sales Co., Kansas City; Milard F. Bird, A. C. Horn Corp., Long Island City, N.Y.; Paul H. Blackmon, The Quaker Oats Co., Sherman, Tex.; George H. Blankley, Jr., The Reading Co., Philadelphia; Frank C. Blodgett, Victoria Elevator Co., Davenport; Frank E. Blodgett, The Weevil-Cide Co., Kansas City.

John J. Blowers, Standard Milling Co., Kansas City; Vincent Blum, Omaha Elevator Co., Council Bluffs; A. R. Bourdonay, Burrus Mill & Elevator Co., Fort Worth; Henry L. Bowman, Geo. J. Meyer Malt & Grain Co., Buffalo; Robert R. Brett, Fruen Milling Co., Minneapolis; James L. Brown, Rodney Milling Co., Kansas City, Kan.; Roy E. Browne, Continental Grain Co., Kansas City; James O. Burns, Pillsbury Mills, Inc., Buffalo; Frank E. Carlson, Underwriters Grain Ass'n, Chicago; Richard Carr, Hess Warming & Ventilating Co., Chicago; Smith L. Champlin, Archer-Daniels-Midland Co., Minneapolis; E. A. Christie, The Quaker Oats Co., Cedar Rapids; C. Wallace Clark, Anheuser-Busch, Inc., Springfield, Mo.; Dean M. Clark, "GRAIN," Chicago; Gordon Clark, Flanley Grain Co., Sioux City.

George A. Cole, Port of New York Authority, New York; William T. Combs, Webb Belting Co., Kansas City; Oscar T. Cook, Standard Milling Co., Kansas City; Oscar T. Cook, Jr., Cook Chemical Co., Kansas City; Edwin M. Crawford, National Biscuit Co., Carthage, Mo.; Perry Crawford, National Foremen's Institute, Kansas City; Ed. D. Crockett, Commander-Larrabee Milling Co., No. Kansas City; Leonard J. Danielson, Arcady Farms Milling Co., Chicago; Claude L. Darbe, Simonds-Shields-Theis Grain Co., Kansas City; William E. Deegan, Continental Grain Co., Enid; Ed. K. Dillman, Leval & Co., Minneapolis; George Duncan, Standard Milling Co., Kansas City; Oral B. Duncan, Salina Terminal Elevator Co., Kansas City; Don Eber, Association of Operative Millers, Kansas City; Lumir J. Ehernberger, Golden West Grain Co., Schuyler, Neb.

Harry E. Erickson, Lauhoff Grain Co., Danville, Ill.; Ed. P. Escher, Screw Conveyor Corp., Hammond, Ind.; Guy W. Ferguson, Uhlmann Grain Co., Kansas City, Kan.; Les Fields, A. C. Horn Corp., Des Moines; Bernard E. Friel, Kansas Soya Products Co., Emporia, Kan.; Harry C. Funk, Nebraska Consolidated Mills Co., Grand Island, Neb.; Stanley Garritty, Kansas City; Wm. H. Gassler, Rosenbaum Bros., Chicago; Fred W. Gallehugh, Uhlmann Grain Co., Kansas City; L. Robt. Ginn, Kansas Milling Co., Wichita; Clarence E. Goetz, Continental Grain Co., Buffalo; John T. Goetzinger, Rosenbaum Bros., Omaha; Roy E. Gorgen, The Day Co., Minneapolis; Wm. H. Gravatt, Davis-

Noland-Merrill Grain Co., Kansas City; Earl S. Gray, Inter-State Oil Co., Kansas City, Kan.; Henry Green, Pillsbury Mills, Inc., Clinton, Ia.; Chas. E. Grossman, Scoular-Bishop Grain Co., Omaha; Frank L. Guinane, Butler-Welsh Grain Co., Council Bluffs.

Howard E. Habegger, McMillen Feed Mills, Inc., Marion, O.; Clarence E. Hackleman, Continental Grain Co., Galveston; Philip S. Hackney, Pillsbury Mills, Inc., Wichita; O. Albin Halberg, Pillsbury Mills, Inc., Springfield, Ill.; Harry B. Hall, J. C. Kintz Co., Cedar Rapids; Cornelius H. Halsted, General Mills, Inc., Buffalo; William L. Hamilton, Richardson Scale Co., Chicago; Jack Hanning, A. C. Horn Corp., Minneapolis; Harry Hanson, The Glidden Co., Chicago; Harold Hantz, The Weevil-Cide Co., Kansas City; Charles E. Harbin, Underwriters Grain Ass'n, Chicago; Roy F. Harp, Wolcott & Lincoln, Inc., Kansas City, Kan.; Edgar L. Harris, Uhlmann Grain Co., Kansas City; A. L. Heine, Heine Machine Works, Kansas City.

Roy L. Herod, Langdon Supply Co., Kansas City; Harley J. Hixson, Continental Grain Co., Kansas City; Olin M. Hoisington, Kansas Milling Co., Wichita; Dick Holze, Gooch Milling & Elevator Co., Lincoln, Neb.; Chas. H. Huskisson, Russell-Miller Milling Co., Alton, Ill.; Lewis Inks, The Quaker Oats Co., Akron,

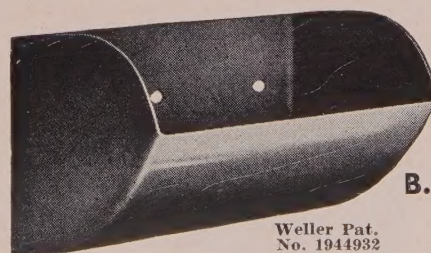


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Because of the Logarithmic Curve design of the *Calumet Cup* elevator operators tell us: "It's a peach for increasing capacity . . . never leaves us out on a limb in peak season." Here are some of the reasons for the superiority of the

CALUMET Super Capacity Elevator CUP

Can be spaced closer on belt . . . scoops up and *elevates* super capacity loads . . . permits faster speeds . . . discharges completely at any permissible speed . . . eliminates backlegging.



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Rolla Ladd, The Drackett Co., Cincinnati; Wm. H. Laird, Marsh & McLennan, Inc., Minneapolis; Gilbert P. Lane, Arcady Farms Milling Co., Chicago; Robert M. Lare, Butler-Welsh Grain Co., Nebraska City, Neb.; F. N. Leishman, W. C. Wiedenmann & Sons, Inc., Kansas City; Paul Litson, Pillsbury Mills, Inc., Enid; Maynard F. Losie, Hallet & Carey Co., Minneapolis; Donald MacDonald, Ogilvie Flour Mills Co. Ltd., Fort William; Clifford A. MacIver, Archer-Daniels-Midland Co., Minneapolis; Clark A. McElevey, The Day Co. of Canada, Ltd., Fort William; J. A. McNamee, Hart-Carter Co., Minneapolis; Roger McNERney, B. J. Many Co. Inc., Chicago; John A. Mack, Standard Milling Co., Buffalo; Earl F. Mahan, Butler-Welsh Grain Co., Council Bluffs; Ben J. Many, B. J. Many Co. Inc., Chicago; Ted C. Manning, Uhlmann Grain Co., Kansas City; Kenneth McCue, Pillsbury Mills, Inc., Atchison, Kan.; Fred T. Melberg, W. D. Allen Mfg. Co., Chicago.

Arthur J. J. Meyer, McCabe Bros. Grain Co. Ltd., Fort William; Grover C. Meyer, Kansas City Power & Light Co., Kansas City; William W. Meyer, General Blower Co., Morton Grove, Ill.; Robt. F. Merwin, Eriez

Mfg. Co., Erie, Pa.; Edgar S. Miller, American Miller & Processor, Kansas City; Richard E. Miller, American Miller & Processor, Chicago; David K. Milligan, Port of New York Authority, New York; Dr. Max A. Milner, Kansas State College, Manhattan, Kan.; Frank X. Murphy, Jr., Murphy Grain & Milling Co., Owensboro, Ky.; Albert V. Murray, Archer-Daniels-Midland Co., Buffalo; Ted L. Musser, Western Stevedoring Co., Erie, Pa.; A. L. Nealey, Salina Terminal Elevator Co., Kansas City, Kan.; Russell O'Dell, Harry E. Surface Co., Kansas City; Ernest O. Ohman, Osborne-McMillan Elevator Co., Minneapolis.

Oscar W. Olsen, Globe Elevator Div'n, F. H. Peavey Co., Duluth; Arthur B. Osgood, The Day Co., Minneapolis; J. Cameron Perry, Fort William Elevator Co., Ltd., Fort William; Charles F. Peterson, Simonds-Shields-Theis Grain Co., Kansas City; Herman Peterson, Van Dusen-Harrington Co., Minneapolis; Percy C. Poulton, N. M. Paterson & Co., Ltd., Fort William; R. B. Pow, Reliance Grain Co. Ltd., Fort William; Jesse F. Pugh, The Quaker Oats Co., St. Joseph, Mo.; Ed J. Raether, Brooks Elevator Corp., Minneapolis; Bob Ranney, Ralston-Purina Co., Minneapolis; A. C. Renner, Mid-Continent Grain Co., Kansas City; Ingram H. Richardson, Richardson Scale Co., Clifton, N.J.; Cedric E. Routh, Imperial Belting Co., Osawatometie, Kan.; O. W. Rowe, Uhlmann Grain Co., Kansas City; George Schaffer, B. A. Eckhart Milling Co., Chicago; Lincoln D. Scott, Corn Products Refining Co., Argo, Ill.

Tom L. Scott, Pearlstone Mill Elevator Co., Dallas; Paul R. Secrets, Waggoner-Gates Co., Independence, Mo.; Hill Shepardson, Hart-Carter Co., Minneapolis; Fred A. Sibbald, National Grain Co. Ltd., Fort William; Frank J. Slepicka, "GRAIN," Chicago; Dr. B. N. Smallman, Science Service Div'n, Dept. of Agriculture, Winnipeg; George S. O. Smith, Valier & Spies Milling Co., St. Louis; George Spafford, Standard Milling Co., Kansas City; Meryl F. Speer, Abilene Flour Mills Co., Abilene, Kan.; Ward E. Stanley, Standard Milling Co., Kansas City; Walter J. Suever, Delphos Grain & Milling Co., Delphos, Ohio; Harry E. Surface, Harry E. Surface Co., Kansas City; Walter H. Teppen, Occident Terminal Div'n, Russell-Miller Milling Co., Duluth; Frank A. Theis, Simonds-Shields-Theis Grain Co., Kansas City; Carl Thomer, Strong-Scott Mfg. Co., Minneapolis.

Lawrence Tohman, Booneville Mills, Booneville, Mo.; George F. Wagner, Golden West Grain Co., Schuyler, Neb.; Charles F. Walker, Archer-Daniels-Midland Co., Council Bluffs; Dunkin A. Welte, Farmers Grain Dealers Ass'n of Iowa, Des Moines; Perry H. Wheeler, Van Dusen-Harrington Co., Minneapolis; Harold C. Wilber, A. E. Staley Mfg. Co., Decatur, Ill.; Allan B. Wilson, Charles W. Sexton Co., Minneapolis; J. Bruce Winfield, Canadian Pacific Ry. Elevator, Port McNicoll, Ont.; Vernon Winslow, Van Dusen-Harrington Co., Minneapolis; Charles J. Winters, Public Grain Elevator, New Orleans; Yale Witschner, Westinghouse Electric Corp., Kansas City; P. C. Wohlt, Horner & Wyatt, Kansas City; Roy Zimmerman, Superior Grain Corp., Buffalo.

Iowa Elevator Makes Headlines

Recently featured in the Des Moines Tribune was a story about the 236-ft. tower of the General Mills, Inc., soybean storage elevators at Belmond, Ia. The tower and elevators have become a landmark in the northern part of the state.

New BERICO



Grain Driers & Elevators ...

Primarily responsible for the tremendous increase in rice harvesting by combine and drier, **BERICO** Driers are first choice of all profit-minded grain growers and processors. "All-Weather" Crop Protection results in better quality grains, increased milling yields, notably lower labor costs.

Installation is flexible, designed to meet needs of small farm and large growers and processors of all grains through controlled drying. Sold separately, or with **BERICO'S** famous "**MAX-I-PACITY**" Elevators. *Delivery in time for the 1947 harvest season!*

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... 3 Bucket sizes available from our warehouse stocks. Wire or write for details

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SOME OF THE WINNERS AWARDED SAFETY CONTEST TROPHIES

(Left to right) Public Grain Elevator, New Orleans, Charles J. Winters, Superintendent; Reliance Grain Co., Ltd., Fort William, R. B. Pow, Superintendent; Quaker Oats Co., Akron; Lewis Inks, Superintendent; Rosenbaum Brothers, Omaha, John T. Groetzinger, Superintendent; and Anheuser-Busch, Inc., Springfield, Mo., C. W. Wallace Clark, Superintendent.

EXHIBITS FEATURED AT CONVENTION

Nine members of the allied trades expressed their interest in the meeting of the Society of Grain Elevator Superintendents at Kansas City by the use of exhibit space and devoted much time in assisting the superintendents. Their efforts were appreciated and the Society's thanks go to them for helping to make a most successful convention.

Following is the list of concerns who were represented:

- Consolidated Sales Co., Kansas City, Mo.
- Eriez Mfg. Co., Erie, Pa.
- General Blower Co., Morton Grove, Ill.
- Hart-Carter Co., Minneapolis.
- Inter-State Oil Co., Kansas City, Kan.
- Keeney Percentage Feeders Co., Portsmouth, Va.
- J. C. Kintz Co., Cedar Rapids, Ia.
- B. J. Many Co., Chicago.
- Western Waterproofing Co., St. Louis, Mo.

STORAGE LABORATORY URGED

Dr. A. M. Schlehuber, agronomist in charge of small grain investigations at the Oklahoma A & M Experiment Station, suggests that a laboratory be established in the United States similar to the Canadian Stored Products Insect Laboratory at Winnipeg. Dr. Schlehuber states such a project is warranted because of the heavy toll of grain and grain products taken annually by insects, and that such a laboratory would be of immeasurable service to grain handlers for prevention of insect infestation.

Out of some cold figures, came a story to warm America's heart

NOT LONG AGO, the Secretary of the United States Treasury studied a figure-covered sheet of paper.

The figures revealed a steady, powerful upswing in the sale of U. S. Savings Bonds, and an equally steady decrease in Bond redemptions.

But to the Secretary, they revealed a good deal more than that, and Mr. Snyder spoke his mind:

"After the Victory Loan, sales of U. S. Savings Bonds went down—redemptions went up. And that was only natural and human.

"It was natural and human—but it was also dangerous. For suppose this trend had continued. Suppose that, in this period of reconversion, some 80 million Americans had decided not only to stop saving, but to spend the \$40 billion which they had *already* put aside in Series E, F & G Savings Bonds. The picture which *that* conjures up is not a pretty one!

"But the trend did NOT continue.

"Early last fall, the magazines of this country—nearly a thousand of them, acting together—started an advertising campaign on Bonds. This, added to the continuing support of other media and

advertisers, gave the American people the facts . . . told them why it was important to buy and hold U. S. Savings Bonds.

"The figures on this sheet tell how the American people responded—and mighty good reading it makes.

"Once more, it has been clearly proved that when you give Americans the facts, you can then ask them for action—and *you'll get it!*"

What do the figures show?

On Mr. Snyder's sheet were some very interesting figures.

They showed that sales of Savings Bonds went from \$494 million in last September to \$519 million in October and kept climbing steadily until, in January of this year, they reached a new post-war high:

In January, 1947, Americans put nearly a billion dollars in Savings Bonds. And that trend is continuing.

The figures show that millions of Americans have realized this fact: there is no safer, surer way on earth to get the things you want than buying U. S. Savings Bonds regularly.

Save the easy, automatic way—with U.S. Savings Bonds

Contributed by this magazine in co-operation
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PROTECTION OR EXPLOSION



BECAUSE OF ITS PATENTED
FEATURES OF CONSTRUCTION,
THE ROBERTSON EXPLOSION
VENTILATOR

- (1) Removes the more explosive fine dust from the leg by continuous gravity action.
- (2) Releases pent-up gases and flames in case of an explosion.
- (3) Minimizes the possibility of a secondary explosion by continuously venting gases.

ROBERTSON VENTILATION EN-
GINEERS WILL INSPECT YOUR
ELEVATOR AND RECOMMEND
PROPER SIZES AND NUMBER
OF VENTILATORS TO SECURE
MAXIMUM PROTECTION AT
MINIMUM EXPENSE.

(No Obligation, of Course).

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FOR
DETAILS

H. H. ROBERTSON CO.
FARMERS BANK BUILDING
PITTSBURGH, PA.

The Ladies

Of the 127 ladies in attendance, the following registered:

Queene Anderson, Norris Grain Co., Chicago.

Mrs. H. J. Anderson, Bunge Corp., Minneapolis.

Mrs. Wayne P. Anderson, Norris Grain Co., Kansas City.

Mrs. John Belanger, Manitoba Pool Elevators Ltd., Fort William.

Mrs. Millard F. Bird, A. C. Horn Corp., Upper Montclair, N. J.

Mrs. Vincent Blum, Omaha Elevator Corp., Council Bluffs.

Mrs. Frank E. Blodgett, Weevil-Cide Co., Kansas City.

Mrs. John Blowers, Standard Milling Co., Kansas City.

Mrs. A. R. Bourdonay, Burrus Mill & Elevator Co., Fort Worth.

Mrs. Henry L. Bowman, Geo. J. Meyer Malt & Grain Co., N. Tonawanda, N. Y.

Mrs. Robert R. Bredt, Fruen Milling Co., Minneapolis.

Mrs. J. L. Brown, Rodney Milling Co., Kansas City, Kan.

Mrs. Roy E. Brown, Continental Grain Co., Kansas City.

Mrs. Smith Champlin, Archer-Daniels-Midland Co., St. Paul, Minn.

Mrs. Dean M. Clark, "GRAIN," Chicago.

Mrs. Gordon Clark, Flanley Grain Co., Sioux City.

Mrs. E. D. Crockett, Commander-Larrabee Milling Co., Liberty, Mo.

Mrs. L. J. Danielson, Arcady Farms Milling Co., Chicago.

Mrs. Claude Darbe, Simonds-Shields-Theis Grain Co., Kansas City.

Mrs. George Duncan, Standard Milling Co., Kansas City.

Mrs. Oral B. Duncan, Salina Terminal Elevator Co., Independence, Mo.

Mrs. Ed. P. Escher, Screw Conveyor Corp., Chicago.

Mrs. Harry C. Funk, Nebraska Consolidated Mills Co., Grand Island, Neb.

Mrs. L. R. Ginn, Kansas Milling Co., Wichita.

Mrs. Clarence E. Goetz, Continental Grain Co., Buffalo.

Mrs. W. H. Gravatt, Davis-Noland-Merrill Grain Co., Overland Park, Kan.

Mrs. Henry Green, Pillsbury Mills, Inc., Clinton, Ia.

Mrs. C. E. Grossman, Scoular-Bishop Grain Co., Omaha.

Mrs. Philip S. Hackney, Pillsbury Mills, Inc., Wichita.

Mrs. O. A. Halberg, Pillsbury Mills, Inc., Springfield, Ill.

Mrs. Harry Hanson, The Glidden Co., Chicago.

Mrs. Harold Hantz, Weevil-Cide Co., Mission, Kan.

Mrs. Edgar Harris, Uhlmann Grain Co., N. Kansas City, Mo.

Mrs. R. L. Herod, Langdon Supply Co., Kansas City.

Mrs. H. J. Hixson, Continental Grain Co., Kansas City.

Mrs. Olin M. Hoisington, Kansas Milling Co., Wichita.

Mrs. C. H. Huskisson, Russell-Miller Co., Godfrey, Ill.

Mrs. John H. Irwin, Western Grain Co. Ltd., Fort William.

Mrs. Fred Keeney, Allied Mills, Inc., Portsmouth, Va.

Mrs. George Kemler, B. J. Many Co., Oak Park, Ill.

Mrs. Orin B. Kinman, Cargill, Inc., Kansas City.

Mrs. Frank J. Kohout, A. C. Horn Corp., Minneapolis.

Mrs. Albert S. Krotz, Rex Grain & Milling Co., Kenmore, N. Y.

Mrs. Gilbert P. Lane, Arcady Farms Milling Co., Chicago.

Mrs. Maynard F. Losie, Hallet & Carey Co., Minneapolis.

Mrs. Clifford A. MacIver, Archer-Daniels-Midland Co., Minneapolis.

Mrs. Clark McElevey, The Day Co. of Canada, Ltd., Grand Marais, Minn.

Mrs. John A. Mack, Standard Milling Co., Buffalo.

Mrs. E. F. Mahan, Butler-Welsh Grain Co., Council Bluffs.

Mrs. T. C. Manning, Uhlmann Grain Co., Kansas City.

Mrs. Ben J. Many, B. J. Many Co., Chicago.

Miss Margret B. Many, B. J. Many Co., Chicago.

Mrs. Kenneth McCue, Pillsbury Mills, Inc., Atchison, Kan.

Mrs. Arthur J. J. Meyer, McCabe Bros. Grain Co., Ltd., Fort William.

Mrs. T. L. Musser, Western Stevedoring Co., Erie, Pa.

Mrs. A. L. Nealey, Salina Terminal Elevator Co., Kansas City, Kan.

Mrs. Ernest Ohman, Osborne-McMillan Elevator Co., Minneapolis.

Mrs. Zaida Olsen, F. H. Peavey Co., Duluth.

Mrs. A. B. Osgood, The Day Co., Minneapolis.

Mrs. C. F. Peterson, Simonds-Shields-Theis Grain Co., Kansas City.



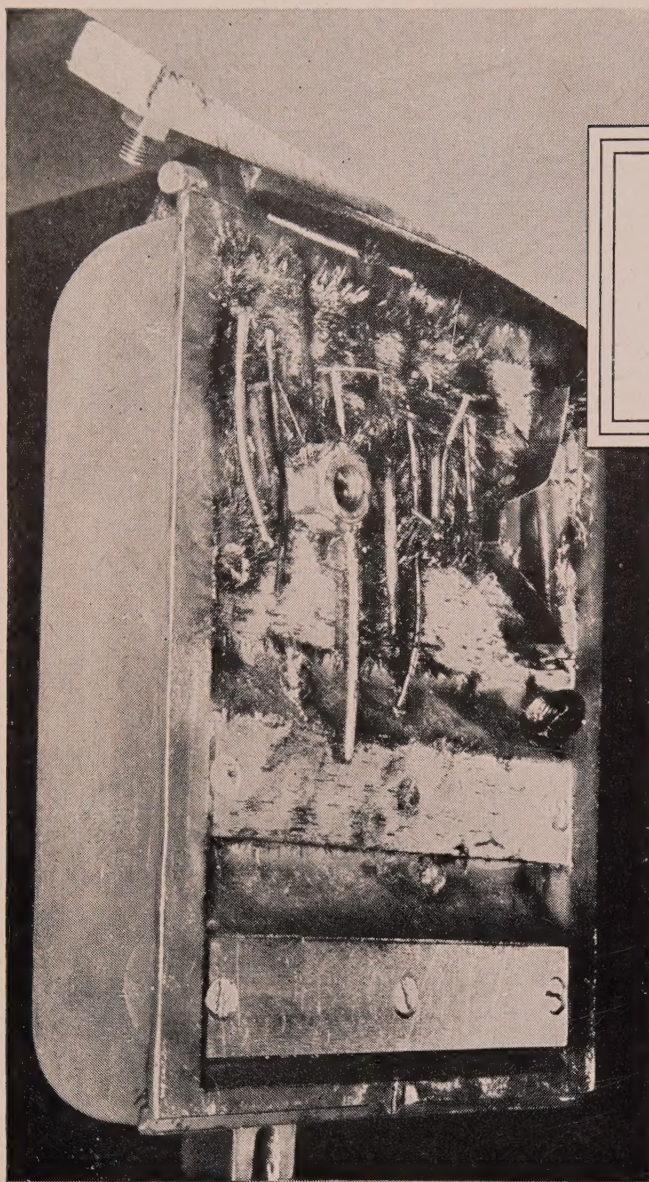
Mrs. Edna Poulton, N. M. Paterson
& Co., Ltd., Fort William.
Mrs. R. B. Pow, Reliance Grain Co.,
Ltd., Fort William.
Mrs. E. J. Raether, Brooks Elevator
Corp., Minneapolis.
Mrs. O. W. Rowe, Uhlmann Grain
Co., Kansas City.
Mrs. Mary Schenk, The Weevil-Cide
Co., Kansas City.
Mrs. L. D. Scott, Corn Products Re-

fining Co., LaGrange, Ill.
Mrs. George Spafford, Standard
Milling Co., Kansas City.
Mrs. Ward Stanley, Standard Mill-
ing Co., Kansas City.
Mrs. Walter J. Suever, Delphos
Grain & Milling Co., Delphos, Ohio.
Mrs. W. H. Teppen, Occident Termi-
nal Div'n., Russell-Miller Milling Co.,
Duluth.
Mrs. Carl Thomer, Strong-Scott

Mfg. Co., Minneapolis.
Margaret E. Tyner, Kansas City.
Mrs. Helen Welte, Farmers Grain
Dealers Ass'n. of Iowa, Des Moines,
Iowa.
Mrs. Harold C. Wilber, A. E. Staley
Mfg. Co., Decatur, Ill.
Mrs. J. Bruce Winfield, Canadian
Pacific Ry. Elevator, Midland, Ont.
Mrs. C. J. Winters, Public Grain
Elevator, New Orleans.



Can you find yourself among the 317 SOGES banquetters in the Grand Ballroom of the Hotel Continental, Kansas City, Mo.? Grover C. Meyer, Kansas City Power & Light Co., acted as toastmaster and the featured address of the evening was given by capable Bennett Chapple, American Rolling Mill Co., Middletown, Ohio.



IRON AND STEEL
WON'T JUMP HURDLES OF

Bauer **TRIPLE-AIR-GAP
SEPARATOR**

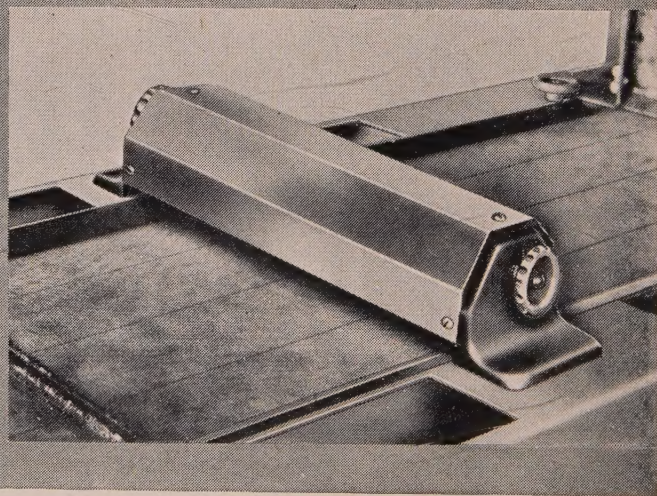
In the unretouched photo at the left, you'll observe that practically all the tramp-iron was caught in the first magnetic field of the Bauer Triple-Air-Gap Separator. One large piece and some fine particles got as far as the second air gap. But a spherical piece, capable of doing a lot of damage, would have escaped if there had not been a "backfield" to stop it.

If you examine the picture closely, you will see that the air gaps are wide and recessed. The depressions help to slow down chunky pieces of metal. This greatly increases the efficiency of the Bauer Separator, and explains why such a high proportion of trash is caught in the first magnetic field.

Before you decide on a magnetic separator, don't fail to get all the facts about the Triple-Air-Gap. Write or wire today.

Bauer **PORTABLE SEPARATORS**

Built to lift iron and steel pieces from materials flowing underneath. Magnets have high intensity. Available in standard models for 10" to 72" belt widths. Special types will be designed for unusual requirements. Ask for complete data.



THE BAUER BROS. CO.

1776 SHERIDAN AVENUE, SPRINGFIELD, OHIO

C. C. Contrell, 2541 Greene Ave., Ft. Worth
M. B. Sell, Dallas, Georgia
E. P. Lacey, 6645 Stewart Ave., Chicago

REPRESENTATIVES
Martin Neumunz, 90 West Street, New York
Industrial Supplies, Memphis, Tenn.

Sidney Grain Machinery Co., Sidney, Ohio
Flack-Pennel Co., Saginaw, Mich.
Kenneth Wylie, Eugene, Oregon

IT'S THE LIGHTER DUST THAT'S DYNAMITE

I believe you know my personal theory on the cause and effect of dust explosions, which theory originates from Webster's Dictionary in defining *dust explosion*. Since, according to the definition, a *dust explosion* is simply "instantaneous ignition of combustible solids held in suspension by a gas or air and ignited by a spark or other heat source sufficient to ignite the fine particles of dust with the oxygen contained in the air," it is my theory that the finer the dust particles the more easily they become ignited, and that, from the standpoint of explosions, certain dust-laden atmospheres become a GAS MIXTURE.

There is some proof to back up this theory—inasmuch as coarse chaff will not ignite, whereas the same chaff ground into a fine powder will ignite readily. My contention is that the finer this dust in suspension becomes the faster the combustion and the quicker and greater the resulting pressure is developed.

To carry this theory a little farther in applying methods of eliminating dust explosions, our system of exhaust hoods at points of dust concentration—such as conveyor transfers—collects and exhausts from the working areas these finer dust particles before they become diffused in the working atmospheres; in this way maintaining the working atmosphere at a dust concentration below the explosive limit.

I have never felt that the coarser and heavier materials in an elevator creates a hazard from the explosion standpoint, although good housekeeping should require regular sweeping for disposal of such materials. If you follow this line of thinking you will note that the essence of satisfactory dust collecting depends on application of suction at points which emit fine dust to the atmosphere.—Arthur B. Osgood, The Day Company, Minneapolis.

SO HELP ME!

- The North Dakota State seed department has calculated that there are 1,000,000 kernels in a measured bushel of sixty-pound wheat.
- Constitutional amendments prohibiting the closed shop have been adopted by five states, three states have already enacted laws of this kind and eleven states have similar bills pending.

• Canadian flour production for the first half of the present crop year topped last year's 12,988,189 barrels, for the same period, by 1,177,521 barrels.

• The end of high food prices? Probably only when government grain buying for foreign relief accounts subsidies to more reasonable proportions. This buying, incidentally, is financed by our own loans.

LEARN SAFETY AND STAY ALIVE

Suggests H. W. Puetz, Safety Engineer

DO YOU?

- Look up or down an open elevator or manlift shaft?
- Crawl under or climb over a standing train of freight cars?
- Insert pennies or nails for electrical fuses?
- Start a job if you don't know how?
- Ignore minor injuries?
- Remove safety guards?
- Ignore warning signs?
- Store acids or poison in unmarked containers?
- Smoke near inflammable liquids, gases or powder?
- Stand under the load of an overhead crane?
- Clean out a gas line with high air pressure?
- Horse play with a so-called unloaded gun?
- Keep loaded shells as souvenirs?
- Look into a wet battery with a lighted match?
- Look into your anti-freeze or alcohol-filled radiator with a lighted match?
- Step out between parked cars into the traffic?
- Look for a gas leak with a match or open flame?
- Do 60 miles an hour on old tires?
- Beat a train to the crossing?
- Pass a car on a hill or curve?
- Have electrical gadgets near the bath-tub?

Then brother you've no idea how lucky you are to still be alive. . . . You won't be long when the odds catch up to you!

CROP FORECASTS

The USDA forecast for May 1 on Winter wheat is for a crop of 1,025,789,000 bushels which, if realized, will be 151,896,000 bushels or 17.4% larger than the 1946 crop. During the ten year period 1936-1945 actual production of winter wheat averaged 653,893,000 bushels, 371,896,000 bushels or 56.9% smaller than the estimated yield for this season.

The principal increase is in the five southwestern states (Kansas, Oklahoma, Texas, Nebraska, Colorado) which are expected to produce 127,227,000 bushels more than last year. As information, the following statement shows the estimated production of these states this season in comparison with the previous high production.

	Estimated Production 1947	Previous High Production Year	
Kansas	263,142	251,766	1931
Oklahoma	98,715	88,262	1946
Texas	112,425	74,746	1944
Nebraska	98,578	89,723	1946
Colorado	47,124	35,100	1946
Total	619,984		
Production—			
1946	492,757		
Increase	127,227		

In the five northwestern states (Idaho, Montana, Washington, Oregon, California) this season's crop of winter wheat is estimated at 18,441,000 bushels under last year, while the five principal eastern states (Illinois, Indiana, Ohio, Michigan, Pennsylvania) are expected to produce 21,094,000 bushels more than last year.

To see what is right and not to do it—
is want of courage.

* * *

To talk without thinking is to shoot
without aiming.

COOK'S

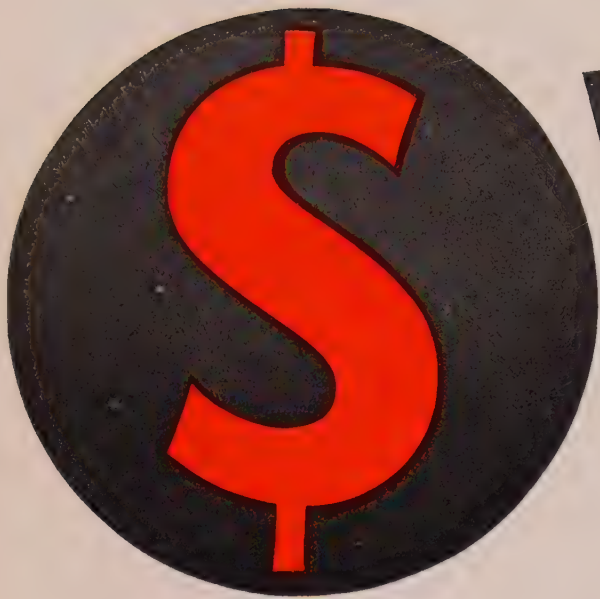
CERT-O-CIDE

GRAIN FUMIGANT

Firesafe . . . slow-gassing . . .
Kills all stages of infestation.

Case — 4 1-gal. cans . . . 2.10 per gal.
5 gal. lot 1.90 per gal.
50 gal. lot 1.80 per gal.
Freight prepaid on 100 lbs. or over.

Cook Chemical Company
2020 Wyandotte • Kansas City, Mo.



WHETHER YOU S

FOR REPAIRING

B. J. Many Give Fo



Specification A

... is a thorough and durable repairing and weatherproofing that stands up against the mauling and pounding of weather and

years like the Rock of Gibraltar.

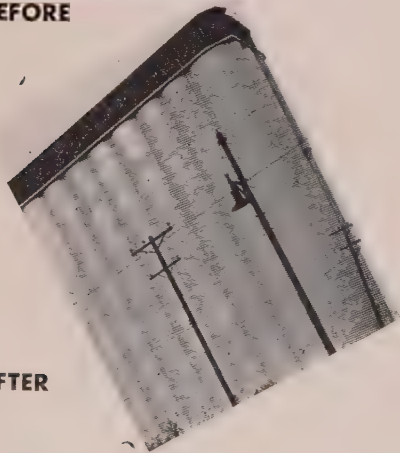
Scores of elevators rehabilitated long, long ago are watertight and free from all signs of deterioration (names and addresses upon request).

When you select Specification A you don't sit back and wait for the best, you actually get the best job of repairing and weatherproofing that more than a third of a century of experience is capable of producing.

Specification A costs more; it's worth more; lasts longer; that's what counts. Cheap materials and faulty workmanship represent false economy.



BEFORE



AFTER

A SURVEY
BE MADE
UPON REQUEST
YOUR PA

B. J. MANY CO., Inc.

30 No. La Salle St.
Chicago 2, Ill.

END A LOT OR A LITTLE

AND WEATHERPROOFING

You the Utmost Value Your Money



Specification B

If you have "sharpened your pencil" to reduce repairing and weatherproofing costs to a minimum, we recommend Specification B as a genuine money saver.

Although Specification B is a low cost job, it is not a cheap job priced to *sell* rather than to give *satisfactory service*. It is not a shoddy job that will pile up unlooked for expense later on by necessitating costly repairs because of work poorly done. What the B. J. Many Company does is done right and doesn't have to be done over at your expense.

The protective properties of Specification B are like a coat of armour as compared with those of Specification A. They provide immediate protection against the elements and will keep your structures in a high state of preservation for a considerable period of time. You actually get the protection you pay for and have a right to expect . . . not empty promises.

UR REQUIREMENTS WILL
ST ESTIMATE SUBMITTED
NO OBLIGATION ON

Y N. W. 31st Street, Oklahoma City, Oklahoma
01 Francis Palms Building, Detroit 26, Michigan

Mr. H. W. Webb-Peploe, 500 Rona Street, Interlaken, New Jersey

THORIZED AGENTS: Pioneer Sand and Gravel Company, Inc., 901 Fairview Avenue, North, Seattle 11, Washington • North-
d Machinery Supply Co., Ltd., 203 Hardisty Street, Fort William, Ontario • Northland Machinery Supply Co., Ltd., Winnipeg,
nipeg • Asphalt Services, Limited, 366 Adelaide Street West, Toronto, Ontario.

217 Baltimore Life Building, Baltimore, Maryland
3723 Grand Central Terminal, New York 17, New York

Ultrasonics to Kill Bugs?

A friend called my attention to an article in the *Chicago Tribune* in regard to a meeting of the Acoustical Society of America, held at a Chicago hotel recently, at which some scientist claimed that high-frequency sound equipment can be used to kill weevil and other insects through installing batteries of sound machines above or in chutes at unloading or the loading points of grain.

These are ultra sound waves, setting up vibrations which kill insect life in all stages, so the story goes, which vibrations can be regulated up to 100,000 per second. Do you know anything about this?—Roy Heinrichson, Terminal Grain Corp., Sioux City.

Answer: Some research work remains to be done by engineers in making an industrial application of ultrasonics to grain and grain products feasible. One obstacle to such application is for some grain handling or processing plant to make a test installation which would only entail the design of an ultrason to meet the requirements in the operation. In the storage of grain, for instance, an ultrasonic (Class 2, Group G) generator would have to be constructed to expose the grain at some focal point on its way to the storage tanks. We will publish any further developments.

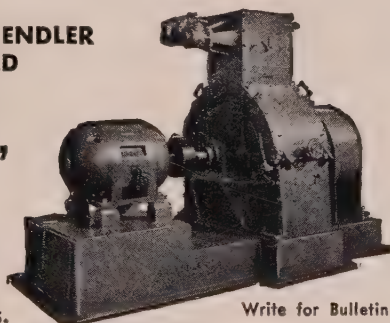
For Cooler and More Uniform FINE GRIND- ING Together with Large Capacity . . .

Look to the GRUENDLER
SLOW SPEED

**"PEERLESS
ARISTOCRAT"**

FINE GRINDER

... Has the new type
Screen Lock for
fast screen changes.



Write for Bulletin

The new and improved patented features of the "ARISTOCRAT", so outstanding, have won the approval of the Commercial Feed Millers,—over one hundred of the large 150 H.P. "Aristocrat Units" have been installed in Commercial Feed Plants in the past two years.

For large production and fine uniform grinding of all free flowing grain and for the regrinding of dehydrated or sun-cured alfalfa you will find the Aristocrat Grinder your choice.

Also Mfrs. of Custom Feed Grinders



GRUENDLER

CRUSHER & PULVERIZER CO.

ST. LOUIS 6, MO.

"THAT'S WHAT THEY SAY—"

●BENJAMIN F. FAIRLESS, president of U. S. Steel:—"there's no immediate danger of a business recession unless the people talk themselves into one."

●ROY K. DURHAM, Millers National Federation,—urges that "the Association of American Railroads employ a full-time research man to study methods for preventing flour infestation in box cars while in transit."

●PHILIP W. PILLSBURY, president of Pillsbury Mills, Inc.,—announces that a new mill soon will be built by his company at Kennewick, Wash., embodying the latest and safest methods known.

●SEN. HARLAN J. BUSHFIELD (R. So. Dak.):—"the Department of Agriculture was hurrying to export all its remaining supplies of wheat so as to push up the price and build up its case for continued export control."

●CLINTON P. ANDERSON, Secy of Agriculture:—"I'm a little worried about the market effects of the IEFC conference because every time someone talks about the international need for cereals it seems to send the grain market up."

●HENRY WALLACE:—"Communism isn't so bad after all, and its bound to spread anyway unless we adopt most of its economic and social theories." [We guess that not more than a skimpy 1% of organized labor in this country yearns for the Russian System—and THEY WOULDN'T LIKE IT IF THEY HAD IT.]

●FRANK A. CHRISTENSON, president, National Board of Fire Underwriters:—"There are two causes of high fire waste—physical and psychological. The physical factor tends to increase the number of fires of all kinds and the size of losses where flames gain headway because of delayed alarms, poor fire protection, negligence or bad housekeeping. The psychological factor arises out of our careless and reckless habits."

Cross Rye With Wheat

Soviet scientists, by crossing rye and wheat, have produced a hardy and productive winter wheat which gives higher yields when planted in regions where other varieties of Russian wheat have been found to suffer heavily from cold. The new grain, which has developed over a 10 year period of experimentation at the Ukrainian Research Institute, is said to have yielded 22.3-bu an acre and will be planted generally during the next few years.

Wood (?) Alcohol

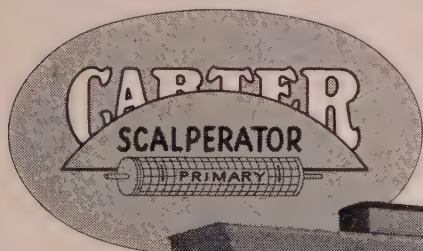
Seeking to utilize lumber waste, a group of Pacific Northwest lumbermen recently shipped their first consignment of alcohol manufactured from sawdust. Although made from wood, the 8000 gallons in the shipment will be used for industrial purposes. The alcohol was obtained by turning wood cellulose into sugar through treating with acids. The woodborn sugars are fermented and distilled, producing 190-proof ethyl alcohol. The new plant at Springfield, Ore., is the first of its type and was started as a wartime project.

Grain and Protein

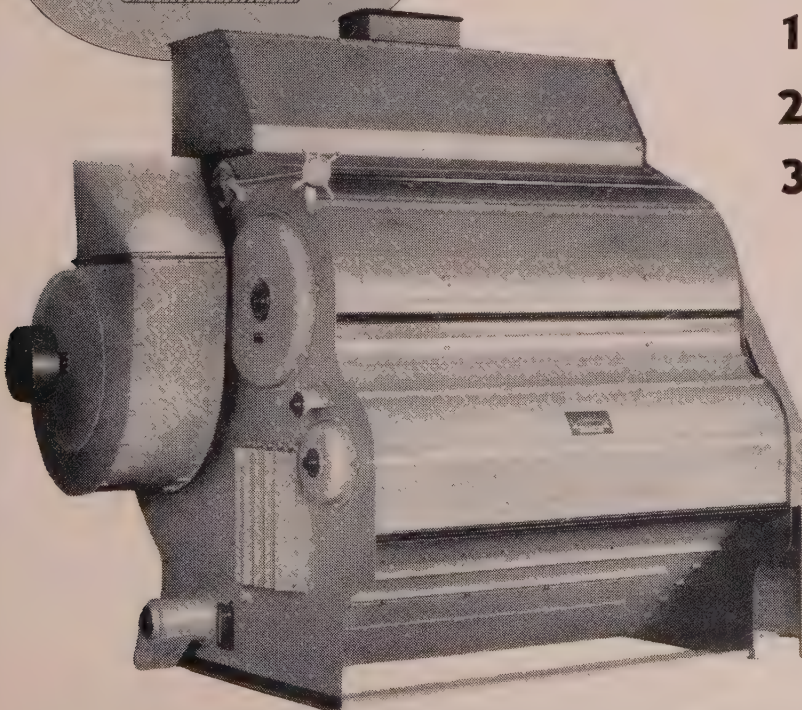
Economical "grain foods"—breads, cereals, and macaroni—supplied 26% of the total protein in the American diet at the time of the last official government check. That's 2% more protein than is supplied by dairy products and only 2% less than supplied by meats, poultry and fish.



An excellent program of stage entertainment followed the convention banquet—and that the performers' efforts found an appreciative audience is attested by this view of part of the satisfied onlookers.



HANDLES THREE MAJOR OPERATIONS WITHOUT CHANGE OF EQUIPMENT



- 1** Rough scalps any kind of grain. Famous Hart-Carter Squirrel Cage scalping reel is self-cleaning.
- 2** Aspirates grain as it goes to storage. Uniform and effective air current works on grain stream.
- 3** Turns and aerates grain being held in storage. Closed circuit type of machine requires no dust collector.

Combines BIG Capacity with Thoroughness

The Carter Scalperator operates with unusual thoroughness at high capacity, using a minimum of power. All-steel, all-enclosed—fits compactly into small space. Machine comes in four sizes to handle capacities up to 6,000 bushels per hour. No loss of good grain.

HART-CARTER COMPANY

670—19th Ave., N.E., Minneapolis, Minn.

A. B. OSGOOD HEADS DAY COMPANY

A. B. Osgood was named president, treasurer and general manager of the Day Company, 810 Third Avenue, N. E., Minneapolis, engineers and manufacturers of industrial dust control systems and other specialized milling and elevator equipment, at a recent board meeting.

Osgood replaces W. A. Wiedenmann, who is now chairman of the board.

R. E. Gorgen is now secretary, in charge of sales and advertising and E. F. Granzow, formerly chief engineer at General Mills, is the new vice president in charge of engineering. O. Auvinen, former secretary and treasurer, resigned because of ill health.

Since its inception in Minneapolis 66 years ago, the Day Company has become the country's leading manufacturer and distributor of dust control systems for the grain processing industries.

ERGOTY RYE SCREENINGS

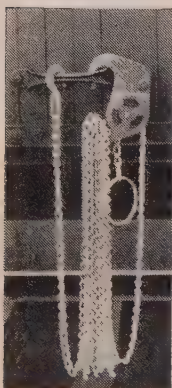
Send us a representative sample of your ergoty rye screenings for an arbitration and offer.

UNIVERSAL LABORATORIES

DASSEL MINNESOTA

WORLD'S EASIEST WAY TO OPEN ANY BOX CAR DOOR

MONARCH ONE MAN CAR DOOR OPENER



One man can open the most binding balky box car door with the Monarch Car Door Opener. Get greater safety . . . speed loading and unloading schedules . . . order an ample supply to fill your needs today!

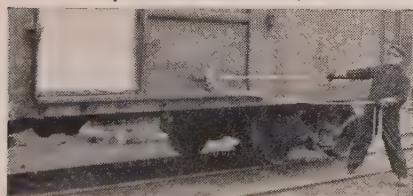
- No strained muscles. No slips or falls. No broken arms, legs or mashed fingers. No fatalities. No time wasted. No "gangs" needed. No time loss.

Write for free descriptive literature.

ONLY \$22.50 EACH
F.O.B. Bowerston

MINING SAFETY DEVICE CO.

Dept. G-6, Bowerston, O.



PANEL DISCUSSES SAFETY

Accident prevention in the industry was the topic in a recent panel discussion held in connection with the Western New York Safety conference at Buffalo. One of the participants was Cornelius J. Halsted, superintendent General Mills' Frontier Elevator and president of the Buffalo SOGES chapter.

ELEVATOR FIRE RATES RISE IN 6 STATES

Substantial rate increases, effective July 1, on fire insurance coverage for terminal grain elevators have been approved in Minnesota, Missouri, Ohio, Indiana, Iowa and Nebraska. Other grain belt states are sure to follow with their approval of rate increases, prompted by a five-year average loss ratio in excess of 150% on terminal grain elevators. Rates were raised 10% on fireproof and incombustible elevators and a boost of between 65 to 70% on combustible structures.

Approval was given these increases because of the high fire loss ratio on terminal elevators in 1946 which approximated 500 per cent. One large elevator fire, for example, can wipe out the entire annual premium volume for this class of risk. Fires such as occurred last December in Minnesota. Union terminal and Brooks, both of Minneapolis, mean losses of 2½ to 3 million dollars each. Record prices for grains in the present market heightens the risk for the underwriters inasmuch as one elevator firm may store as much as 6 million bushels of grain in its tanks.

The new rates are intended to apply to the un-expired terms of existing policies, according to the Western Actuarial Bureau, and it will be up to the underwriters whether they apply in this manner or only to new policies written after July 1. Grain elevator coverage is normally written on a one-year basis but most elevators make monthly reports of their grain holdings to their underwriters.

EUROPEAN CROP LOSS SEVERE

Dr. D. J. Fitzgerald, director general of the International Emergency Food Council, told a senate judiciary subcommittee that the decrease in rye and wheat yields caused by the severe winter in western Europe will more than offset the 80 million bu. gain expected in this year's domestic wheat crop.

CARLOADING FORGING TO RECORD HIGH

Carloadings of grain and grain products continue to exceed those of last year according to official figures released for May by the Association of American Railroads. Statistics for the month:

	1947	1946	1945
May 3	43,951	35,428	52,359
May 10	42,023	41,148	49,498
May 17	42,286	42,138	53,189
May 24	44,656	34,905	53,562
May 31	39,764	39,303	48,513

22 weeks

(000

omitted) 1,086 986 1,018

The 1947 loadings are running 10.1% over those of 1946 and exceed the 1945 loadings by 6.6%. For comparison, 1944 loadings totaled 1,008,246 carloads and 1943 loadings were 1,019,818. The 1947 tonnage is an all time high record for grain and grain products loadings. Every effort has been made to start this year's harvest season off with the best possible car supply.

RUSSELL-MILLER AWARDS SAFETY PLAQUES

Leslie F. Miller, president of the Russell-Miller Milling Co., Minneapolis, announced the winners for 1946 in the three divisions of the company-wide safety contest. Winners were awarded plant safety-winner plaques, and leather pocket cases were presented to each of the employees of those plants. The winner in Group 1 was the Buffalo, N. Y., mill; Group 2, Minot, N. D., mill, and the Group 3 winner was the Jerseyville, Ill., elevator.

BRUSHES

That Are Made Right of Quality Materials.



Separator Brushes

We can furnish Separator Brushes for any machine.

The STAR Warehouse Push Broom

This is the broom that is used by most large terminal elevators for sweeping grain out of box cars.

Write for Prices

Brushes for Every Commercial and Industrial Use

FLOUR CITY BRUSH CO., Minneapolis 15, Minnesota

STEALING FROM GRAIN CARS ON THE UPSWING

PILFERING RAMPANT

Law enforcement authorities prophesied a wave of lawlessness following the war, and from the reports reaching us it would appear that breaking into box cars and stealing grain and grain products therefrom is on the ascension, not to mention more serious offenses, including arson. Some recent alarming reports, suggesting precautionary actions on everyone's part, are listed to simply reveal types of trouble now running rampant:

Filling sacks with wheat from a grain car spotted on the U.P. at Salina, Kan., two 15-yr. old boys were caught by a railroad inspector. They had filled seven sacks and had eight more empty awaiting filling. The father of one of the boys had previously accompanied them to a local feed store, where other grains stolen had been sold.

Six Charges of Arson

Six charges of arson were filed against Charlie Sedlacek, 43, of Crete, Neb., in connection with a \$60,000 fire in the Crete Mills. He was identified as a former penitentiary inmate who had served a year for burglary, and had been named in a burglary complaint following the pilfering of this same plant several weeks prior to the fire.

Suspected of being a member of a gang that took grain from cars, Zig Marke, 36, was captured at an Omaha elevator driving a pick-up truck of wheat along the trackage. Drilling holes in the bottoms of loaded grain cars, Marke and several companions filled sacks as the grain flowed out. Grain thefts had been reported by the elevator.

Attempting to hide under wheat in a box car after having broken the

seal and stolen about 1,100-lbs., Robert Ivan Whitewater, 28, Indian, was arrested in the Rock Island freight yards in Kansas City, Kan. He admitted he had sold grains stolen previously from this and other cars.

Admits Innumerable Break-Ins

Admitting to 21 break-ins in Iowa, 14 in Nebraska, and innumerable in Kansas grain handling and grain processing plants, Joe Henderson, ex-convict of Klamath Falls, Ore., was apprehended and signed a confession. Anything of value, and smaller items which could be readily sold, were stolen.

Three of four young men arrested in Decatur, Ill., recently, admitted stealing soybeans from loaded box cars in the Wabash yards.

Father of nine children, Mike Bernard, 43, and Lester Baugh, 52, were fined in police court on their plea of guilty to trespassing on the Santa Fe right of way near one of the terminal elevators in Hutchinson. The men were sweeping wheat from the floor of an emptied box car, the railroad special agent testifying that the carrier cleans cars after unloading and salvages any grain remaining. One of the men had 200-lbs. and the other had 50-lbs. wheat, insisting the road merely dumps the grain on the ground and countless people pick it up for chicken feed.

LEWIS GRAIN CORP. OFFICIAL DROWNS

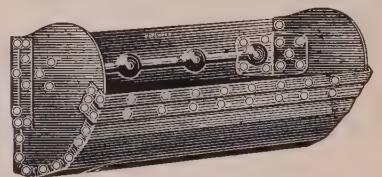
John B. Stouten, secretary-treasurer and general manager of the Lewis Grain Corp., and president of the Monarch Elevator Corp. was drowned in Lake Erie near Crescent Beach, Ontario. Mr. Stouten was 50.

GAS PRESSURE MILLING

Dr. Harold Vagtborn, president of the Midwest Research Institute, explained a new process called "explosive dissociation" to members of the Association of Cereal Chemists at their recent meeting in Kansas City. This process, which may revolutionize the milling industry, consists of putting the grain under pressure then suddenly releasing this pressure by passing the grain through a nozzle within the pipe causing air pockets within the kernels to expand and shatter the grain. Separation of the components of the grain will be facilitated by this process.

MINERAL DUSTS PROTECT STORED WHEAT

Bulletin 199, issued by the Australian Commonwealth Council for Scientific and Industrial Research reports treatment in an elevator containing several million bushels of wheat by mineral dusts. Magnesite and dolomite dusts ground very fine are used for the protection of the grain from infestation rather than for treatment of wheat already infested. The successful use of these dusts has been in operation for some time and has been applied to over 16 million bu. of wheat in bulk depots in the province of Victoria.



THE FACT STILL REMAINS
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are
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JOHN D. BOLTON CO.

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HUMAN RELATIONS ALERTNESS LOOSENS DISCIPLINE KNOTS

"To err is human" is a quotation we've heard from the cradle and it's always good for a needed excuse, but "to err in human relations" with employees is something to be recognized by every supervisor because he himself is playing the lead in contacts between management and those it directs. The superintendent, through his own personal relations with his workers, either has or has not an efficient plant and crew; much depends on the fairness of his discipline for production and coöperation.

In fairness to many a supervisor who is having disciplinary trouble with his men, he is probably not aware that his preferential treatment of some men may be the root of his personnel infraction of rules. For instance, he may unwittingly be giving personal contact to old employees and at the same time be accused of playing favorites by newer men in his organization. The supervisor has to watch his associations with both groups, old timers and relative strangers.

In making those adjustments it helps for the manager or superintendent to take the initiative in talking to his men about their thoughts and problems, because normally an employee is hesitant to approach his

supervisor—with the result that the employee remains isolated. Some times orders may not be entirely clear to the worker, but he will be reluctant to ask the supervisor for help if he feels that there will be resentment and perhaps disciplinary action as a result.

In the matter of discipline the wise supervisor will determine the cause of violations and infractions of rules because, unless he can determine the cause, he will be faced by problems in one form or another. Here again the human element enters the picture. The "boss" can be a right guy or a wrong guy; he can get coöperation or he can be frustrated and hindered in his attempt to run the plant efficiently, and the supervisor can at all times maintain his discipline with respect and understanding; he can be both a friend and a confidant, and yet at all times keep his authority over his workers.

Remember, the workers are not the only mistake-makers. Many mistakes may come from those in authority, not mechanical nor operative, but lack of proper human understanding can idle equipment and hinder output. Be the boss, but be human. Then your men will say: "I'll work my head off for that guy" (and they will).

IN LOVE WITH HIS DUMPER

We have unloaded a few cars with our newly installed Richardson Car Dumper, and I must say that so far it has come up to all expectations. It works like a charm and no doubt the double keel with which it is equipped has a lot to do with its smooth running.

If by any chance any of your readers are interested in a car unloader, I would advise them to install a Richardson. It is the best machine I have seen so far, and I have seen most of them. Easy to operate, low on power requirements, it unloads up to 10 cars per hour.

We will be able to give you a better idea of the operation of the unloader when we get busy in the Spring and can put the unloader to a real test. I will be glad to give your readers any further information they may require.—D. MacDonald, Terminal Superintendent, The Ogilvie Flour Mills Co., Ltd., Fort William.

TO BUILD STEEL TERMINAL

A 600,000 bu. all welded steel grain storage terminal, consisting of 66 bins 108 feet high, 20 of which will be 16 feet in diameter, will adjoin the new Los Angeles mill of the Sperry Division of General Mills, Inc. Thought to be the first ever built of all welded steel, many novel features are included in this all-open headhouse, fire-proof, dust-proof and explosion-proof elevator which will later be enlarged to 1,050,000 bu. capacity.

The seven story reinforced concrete mill building to be erected will incorporate many other new ideas, will have a daily capacity of 3,200 cwts flour and a bulk flour storage unit of 8,000 cwts. Fire-proof stairs, smoke wells, special ventilation, smooth surfaces, coved corners, and flat ceilings will contribute to make this mill, which will be completed in about a year, the safest and most sanitary yet constructed.

SYSTEM DIDN'T WORK, SO CHANGES WERE MADE

Mr. Hylton R. Brown, dust explosion authority, was quite right when he informed you that we, at one time, had governor controls on our elevator legs. However, that governor control did not control the motors which drive the leg or conveyor belts. The mechanics of this operation were, as follows:

The governor control had a sliding double contact switch mounted in a box alongside the governor. One set of contacts was wired to lamps and the other set was wired to bells.

Whenever a belt would begin to slow down or stop, the lamps would light and the bells would ring, thus signaling the belt attendant that something was wrong. This attendant would then immediately phone the motor control operator on the eighth floor of our elevator, who would proceed to throw out the switches which controlled the control motor involved.

Despite the definite control features of this system, however, we experienced many instances where the leg would choke and the motor kick out



from an overload before the attendant and the operator could get together and stop the motor. So you see the system was not quite satisfactory.

No Chokes Since

Some time ago we removed the governor control and substituted in its place an interlocking system which automatically stops the leg when overloading occurs, and simultaneously stops the conveyor belts which feed the leg. This interlocking system is also secured with our rope drive, and in the event we should have a rope strand then everything will stop; that is, the leg as well as the conveyor belts which feed the leg.

Since the time we installed this interlocking system we have not had a single choke in any of our legs.

The system we use here, which was developed by our master mechanic, is entirely fool-proof and places no dependence whatsoever on any of our individual employees—as the system is entirely automatic.

Should there be any elevator operators who are interested in this system, which I believe to be the only one of its kind in existence, I shall be glad to go into further details for them if they will contact me.—Charles J. Winters, Superintendent, Public Grain Elevator, New Orleans.

NYLONS FROM CORNCOB

Corncobs for the manufacture of nylon, a chemical process developed after 12 years of research costing \$1,000,000, was just announced by Dr. Oliver W. Cass, research chemist of E. I. duPont de Nemours & Co., before the National Farm Chemurgic Council. Oat and cotton seed hulls, and rice bran would give a supplemental supply of ingredients needed. Nylon was originally derived only from the components of coal, air and water.

The new process turns the furfural obtained into adiponitrile, a chemical important to nylon. Enough can be derived from one bushel of corn cobs—combined with other important chemicals—for processing into enough nylon yarn for about 40 pairs of women's stockings.

The Quaker Oats Co. holds the contract to supply the furfural.

BUYS PROPERTY

A. M. Rubottom of Ellicott City, Md., has taken charge of the large flour milling plant of the Noblesville (Ind.) Milling Co. recently purchased by the Doughnut Corp. of America. The Acme-Evans Co. of Indianapolis has been operating the large elevator in connection with the mill.

\$1,000,000 IN IMPROVEMENTS

As so many terminals and sub-terminals have done within recent years, the 25-year-old Gowanus Bay Grain Elevator in Brooklyn, N. Y., is adding complete bagging equipment. In this case the new addition is a part of a \$1,000,000 modernization program of the 1,780,000 bu terminal. A Zeleny thermometer system of bin temperature recording is another improvement just installed.

MALTSTERS ADD STORAGE SPACE

The Miller Malting Co., Los Angeles, Cal., at an estimated cost of \$168,000, is building a bulk grain storage annex of 39 additional tanks with total capacity of 500,000 bu., to double their present capacity.

The Theo. Hamm Brewing Co., St. Paul, Minn., will erect a \$130,000 grain storage annex.

TO REPLACE PLANT

A modern fire-resistive plant will be erected by the Froedtert Grain & Malting Co. to replace its facilities destroyed by fire in December at a loss of \$2,500,000.

GENERAL MILLS TO KANKAKEE

Especially designed for the production of fatty acids and fatty acid derivatives, General Mills will build an organic chemical plant about a mile south of Kankakee, Ill.

ADDS FACILITIES

Now that the Knappen Milling Co.'s new 500,000 bu terminal elevator has been completed, at Augusta, Mich., the company is branching out into the manufactured feed business.

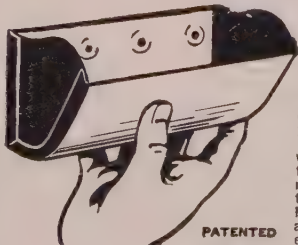
MORE GRAIN COMING IN

How are you going to handle it?

If you've got



... you're OK!



The Bucket That Performs Best and Delivers Most



If your elevator legs are not handling the volume you expect of them, let us show you how "Nu-Hy" Buckets will increase your capacity without expensive alterations. Write for Form No. 76 to enable us to make recommendations. No obligation incurred. Manufactured and sold under license in Canada by Sullivan Mill Equip. Ltd., 637 Devonport Rd., Toronto, Ontario.

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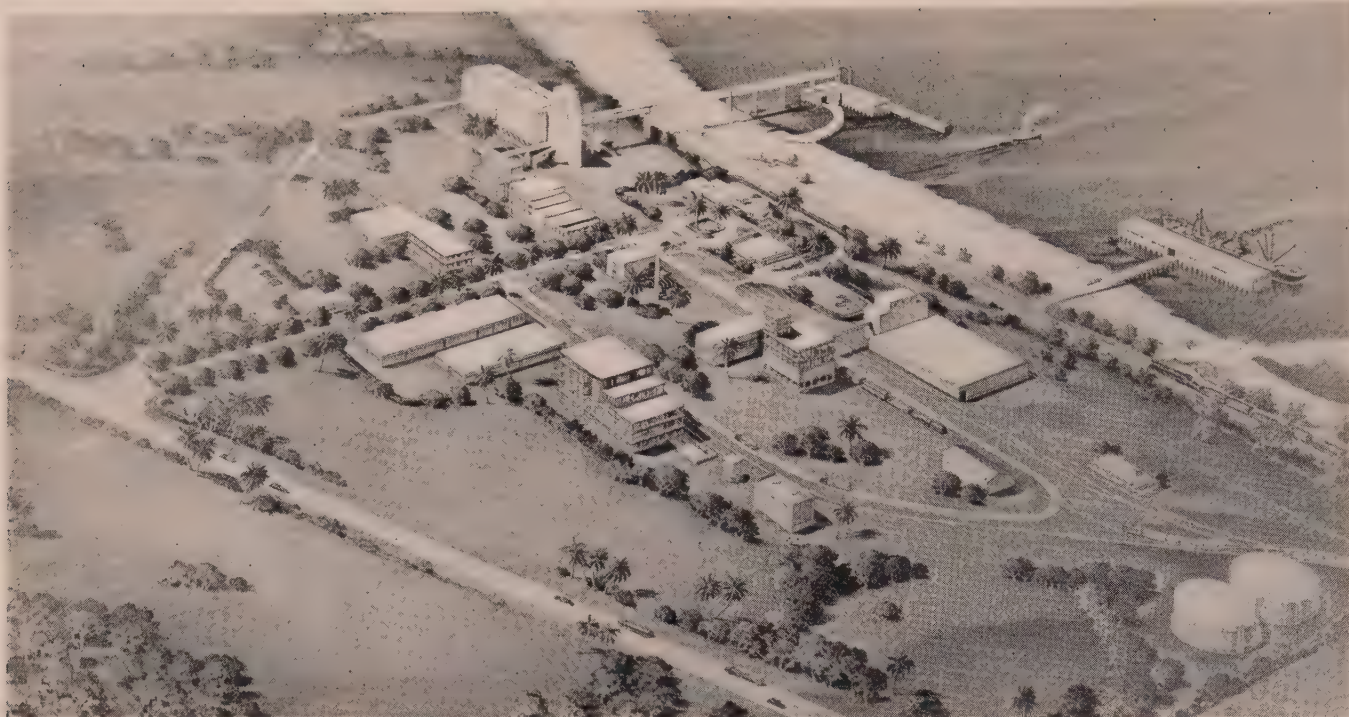
ENGINEERS

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CORN PRODUCTS REFINING COMPANY BUILDS IN SOUTHWEST

In order to utilize the Southwest's large crops of milo maize—the recently developed dwarf-type grain sorghum valuable because of its resistance to drought and disease and because it can be harvested mechan-

ically—the Corn Products Refining Company is building a new processing plant at Corpus Christi, Texas.

This architectural perspective shows the plant as it will appear from the air when completed by The H. K. Ferguson Company, industrial engineers and builders of Cleveland, New York and Houston, in charge of

designing, building and equipping the project.

The new Corn Products Refining Company plant will produce dextrose, starches, and high protein livestock feeds. It will have a grind capacity of 20,000 bushels of milo maize per day and is expected to be completed in time to process the 1948 harvest.

Douglas



HEATING IN STORED GRAIN

Insects "breathe"—grain "breathes"—and the combination of these actions on grain in storage results in heating. There is no question that damage by heating causes a great amount of loss every year during the normal storage period.

There is also no question about the aid in this problem that is gained by using TETRAFUME. TETRAFUME, the safe and effective fumigant, can usually eliminate the danger entirely. TETRAFUME easily cools heating grain, destroys insect life and removes musty and ground odors, thereby reducing the chances for spoilage.

In addition, of course, users of TETRAFUME have the decided advantage of safety and economy in their fumigating program.

If you haven't tried TETRAFUME, you cannot know the results that are yours for the asking.

Write Today for Complete Information

"PIONEERS OF SAFE INSECTICIDES"

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BRANCH WAREHOUSES: INDIANAPOLIS, INDIANA; SPOKANE, WASHINGTON;
MINNEAPOLIS, MINNESOTA; PORTLAND, OREGON.

STALEY MODERNIZES

Approval by the board of directors was given the A. E. Staley Mfg. Co. program for a \$10,835,000 modernization and new facilities which will increase the company's corn grind by 50%, but action on an expansion program was deferred pending completion of the modernizing of present facilities.

BOX CAR SITUATION

During the first 18 weeks of this year total box cars loaded on all roads amounted to 6,655,725, an increase of 65,942 or 1.0 percent above the corresponding period in 1946. Grain and grain products loaded during the first 19 weeks of this year, totaled 958,875, an increase of 89,414 or 10.3 percent above the corresponding period last year. The total number of serviceable box cars as of May 1 was 699,053, a decrease of 4,932 under May 1, 1946.

Soil moisture and growing conditions in the winter wheat producing states have been most favorable and according to reports from the U. S. Department of Agriculture this season's harvest of winter wheat will exceed one billion bushels. This year's winter wheat crop will be 17.4 percent greater than the 874 million bushels produced in 1946 and will be the first time in history to exceed a billion bushels. Rain has been somewhat above normal during the past ten days in the early harvest sections and has necessitated holding back somewhat on early cutting but actual harvest in this area will get under way in volume this week and next. The demand for good grade cars to load wheat will be exceedingly heavy and every effort is being made to give all assistance possible to the early grain loading roads in order that they may satisfactorily meet these anticipated heavy requirements. With the recent temporary easing in the general box car supply together with augmented car repairs, it has been possible this year for the early grain loading roads to assemble in advance and preparatory to the winter wheat harvest, approximately five thousand empty box cars. However, with the volume of grain to harvest this cushion of box cars will be rapidly depleted and in order to cope with the increasing box car requirements as the harvest season advances, it will be necessary to continue to assist the heavy grain loading roads with empty box cars. As of the present time, the flow of empty box cars to western roads from eastern and southern roads is averaging 1197 daily on Car Service Division orders calling for daily delivery of 1045.

NEW ELEVATOR FOR FROEDTERT

A 1,500,000 bu. concrete elevator will be built at Minneapolis by the Froedtert Grain & Malting Co. to replace its fire-destroyed Union terminal elevator.

GRAIN CURB EXPIRES

Distillers and brewers will be free to use wheat, rye and rice in unlimited quantities after June 30, which sees the expiration of a war time order prohibiting use of these products.

NEW SOUTHWEST ELEVATOR FIRM

The newly formed Topeka Terminal Elevators, Inc., Topeka, Kansas, which will operate the 1,100,000 bu. elevator formerly held by the Kansas Elevators Co., will be headed by William E. Root, president, and Claire Pollock as executive vice-president. The Topeka elevator is one of the most modern in the state and runs a 15,000 bu. a day drier.

PLANE CARRIERS HAUL GRAIN

Five British built small aircraft carriers have been put on the wheat run to haul grain from Montreal and Halifax to London and Liverpool. Formerly assigned to convoy duty, the carriers are inefficient and uneconomical but must be used to alleviate the shortage of ships. Loading operations takes about 25% longer than into a standard grain carrier although the aircraft carries only 290,000 bu. compared to ship cargo of about 350,000 bu. The flattops hold the grain in their 12 tanks and ride high in the water so that they can only be loaded from one elevator in Montreal and Halifax and cannot take grain from any other Canadian ports.

5 NEW ELEVATORS FOR A-D-M

Five new sub-terminal elevators, located at Morris, Marshall, Windom, Sleep Eye and Montevideo, Minn., will be erected according to plans announced by Archer-Daniels-Midland Co. Capacities of the concrete elevators will range from 200,000 to 400,000-bu and will be used for receiving flaxseed by truck from surrounding country elevators. The flax will be stored in these elevators until empty railroad cars can be made available to transport the flaxseed to terminal elevators. A-D-M is one of the largest oil manufacturing concerns in the country and purchases its requirements through Minneapolis commission firms.

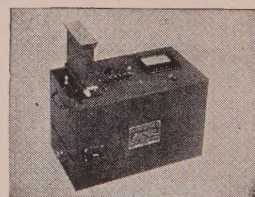
QUARTER CENTURY RINGS

George W. Martin, Manager; Howard Gunnison, Superintendent; Bert Colgrove, Traffic Manager; Walter Hammond, Thomas Masterson, Peter McMahon, Charles Baehr, Patrick Neenan, Martin McNamara and Charles Herbst of the American Elevator and Grain Division of the Russell-Miller Milling Co., Buffalo, received diamond signet rings for their Quarter Century of Service at a 25th anniversary celebration dinner on April 15. The company acquired the former American Malt Co. property along the Buffalo River on this date in 1922, later expanding the elevator facilities and erecting a flour mill.

GRAIN EXPORT PROGRAM FOR 1947-1948

Slightly more than 16 million tons of grain is the goal set by authorities for export during the 1947-1948 program which they believe can be attained through a steady maximum use of domestic transportation and seaport terminal storage. This goal increases by approximately 30% the official 1946-1947 program which may exceed 14 million tons. The tentative new crop allocations: 7,800,000 tons, wheat; 5,600,000 tons, flour; 1,400,000 tons, corn; oats, barley and grain sorghums provide the balance.

ASK SEEDBURO



about Moisture Testing

When you have a moisture testing problem present it to Seedburo—the organization referred to for over 35 years as "Headquarters for Moisture Testing Know-How."

Men of Seedburo have technical and practical knowledge of the most effective methods of finding the moisture content of wheat, corn, rye, barley, oats and numerous other products. They have helped many grain men solve their moisture testing problems . . . very likely they can help you. Submit your moisture testing problem today . . . no charge, no obligation.

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SEEDBURO
EQUIPMENT COMPANY

FOR BARLEY RESEARCH

The agricultural sub-committee of the House Appropriations Committee was asked by barley processors, for a \$250,000 appropriation for the next fiscal year to stimulate production of better grades and varieties of barley. Dr. John W. Parker, director of the Midwest Barley Improvement Ass'n., appearing before the house group stated it was necessary that the United States grow its own crop of barley because of restrictions on barley exports to the U.S. Barley ranks fourth in importance as a grain crop, is indispensable to the maltster, and

is an important crop for feed. Plans for a barley improvement program have been drawn up by experienced plant scientists.

MATERIAL-LEVEL INDICATOR

A new device practical for installation in grain elevators is described in bulletin I-3, issued by the Fuller Company, Catasauqua, Pa. The Fuller Material-Level Indicator is used to indicate or control the level of the stored granular materials passing into or out of the elevator. It is applicable for high-level indication and provides automatic control.

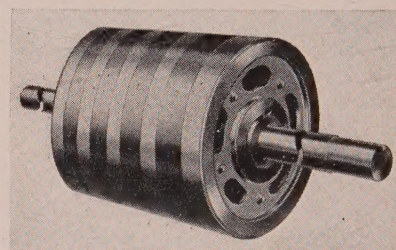
CONRAD C. JOHNSON ON EXPERIMENTAL TOUR

A series of Larvacide field experiments was instituted this month by Conrad C. Johnson, Manager, Insecticide Division, Innis, Speiden & Company, 117 Liberty Street, New York City, in a personal tour which will take him from coast to coast.

The company's Insecticide Division is making a continuing study of the effects of chlorpicrin as a nematode, fungicide, rodenticide and insecticide in the various temperate zones. Resultant data will be available to the trade in the near future.

PERMANENT MAGNETIC PULLEY

A new unit, the Homer Permanent Magnetic Pulley, has been designed for use as head pulley in belt conveyor systems, to remove ferrous metal



particles and pieces from material being conveyed. For further details—write The Homer Mfg. Co., Inc., Dept. GM13, Lima, Ohio.

ELECTRONIC MOISTURE METER

Development of a new type of scientific instrument capable of measuring the percentage of moisture in almost any substance culminates over a year of research in the problems of moisture measure. The meter is auto-



matic in action, direct reading, and requires no calibration curves or charts. Percentage moisture is reported in 15 seconds, and moisture percentages up to 85-90% can be done with accuracy. It is adapted for field work as well as laboratory. This new "direct electronic moisture meter" will be marketed by the C. J. Patterson Co. of Kansas City.



NOT JUST ANY BELT, BUT THE RIGHT BELT FOR THE JOB!

By varying impregnating compounds and processing, each of IMPERIAL'S Brands is expressly adapted to a specific class of service.

IMPERIAL'S customers . . . except for occasional comparative tests . . . date their use in many cases back to 1912 and 1910.

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Weevil-Cide SPLITTERS

FRONTAL ATTACK

Police magistrate: "Wait a minute, now. Let's get the facts straight. As I understand it, you two were involved in a drunken altercation and the third defendant kicked you in the ensuing rumpus. Is that right?"

First defendant: "No, sir. I was kicked in the stummick."

* * *

MEDICAL ATTENTION

Wife: "I'm concerned about my husband."

Doctor: "What seems to be wrong with him?"

Wife: "I think he's worrying about money."

Doctor: "Oh, I'm sure I can relieve him."

* * *

RARITY

Tom: "J'ever run across a girl that'd never been kissed?"

Jerry: "Sure; but j'ever meet one that'd been kissed only once?"

* * *

ACCOMPLISHMENT

Papa Rabbit: "What makes Junior look so pleased with himself since he came home from school?"

Mamma Rabbit: "Oh, he learned to multiply today."

* * *

PERPETUAL MOTION

Mother (proudly watching her 2-year-old): "He's been walking like that for almost a year."

Bored visitor: "You don't say so! Can't you make him sit down?"

VOICE OF EXPERIENCE

Teacher: "Danny, if I call a number of cows a herd, and a number of sheep a flock, what would you call a number of camels?"

Danny: "A carton, ma'am."

* * *

RESTRAINT

A Scottish minister of the old school found it hard to keep up with modern manners. Yet he prided himself on being progressive. So when he was asked if he thought it was wrong to take a walk in the country on Sunday afternoon, he replied cautiously: "Weel, as I see it, there's no harm in takin' a walk on the Sawbath sae long as ye dinna enjoy yourself."

* * *

SHARP COMEBACK

Dowager: "Who was your mother before she was married?"

Debutante: "I didn't have a mother before she was married."

* * *

SUPERSTITIOUS

Two ghosts heard a noise in the house just after midnight. One of them grabbed frantically at the other and whispered: "Listen! Do you believe in people?"

* * *

HABIT

He had been courting the girl for five years, calling on her regularly two nights a week.

"Why don't you marry her?" asked a friend.

"If I did," he answered, "where would I go every Wednesday and Saturday evening?"

* * *

NO SUBJECT MATTER

A woman wrote to a daily paper from a very lonely rural spot as follows: "My sister and I aren't exactly lonely out here. We have each other to talk to. But we need another woman to talk about."

MAKING SURE

The junior member of a firm of Boston lawyers went to New York to see a client. But when he arrived he found that he had unaccountably forgotten the client's name. So he wired his partner: "WHAT IS OUR CLIENT'S NAME?"

By return wire came the answer: "RYAN, JOSEPH H. STOP YOURS IS KENT, JAMES T."

* * *

TEMPERATURE ZERO

He: "I don't think you knew who I was when you met me on the street this morning."

She: "No, I didn't. Who were you?"

* * *

GUARANTEE

Applicant: "If I take a sales job with you, will you pay me what I'm worth?"

Manager: "We'll do better than that. We'll even go so far as to pay you a small salary."

* * *

NOT TOO PARTICULAR

An attractive young woman paced around the hotel lobby several times. She seemed to be looking for someone. The helpful young flier who had been noticing her finally stepped up to her and asked, "Pardon me, are you looking for some particular person?"

"I'm satisfied," she replied, "if you are."

* * *

EVEN-STEPHEN

A farmer's wife sold her surplus butter once a week to the grocer in a nearby town.

On one of her regular weekly trips the grocer said, somewhat accusingly, "Your butter was underweight last week."

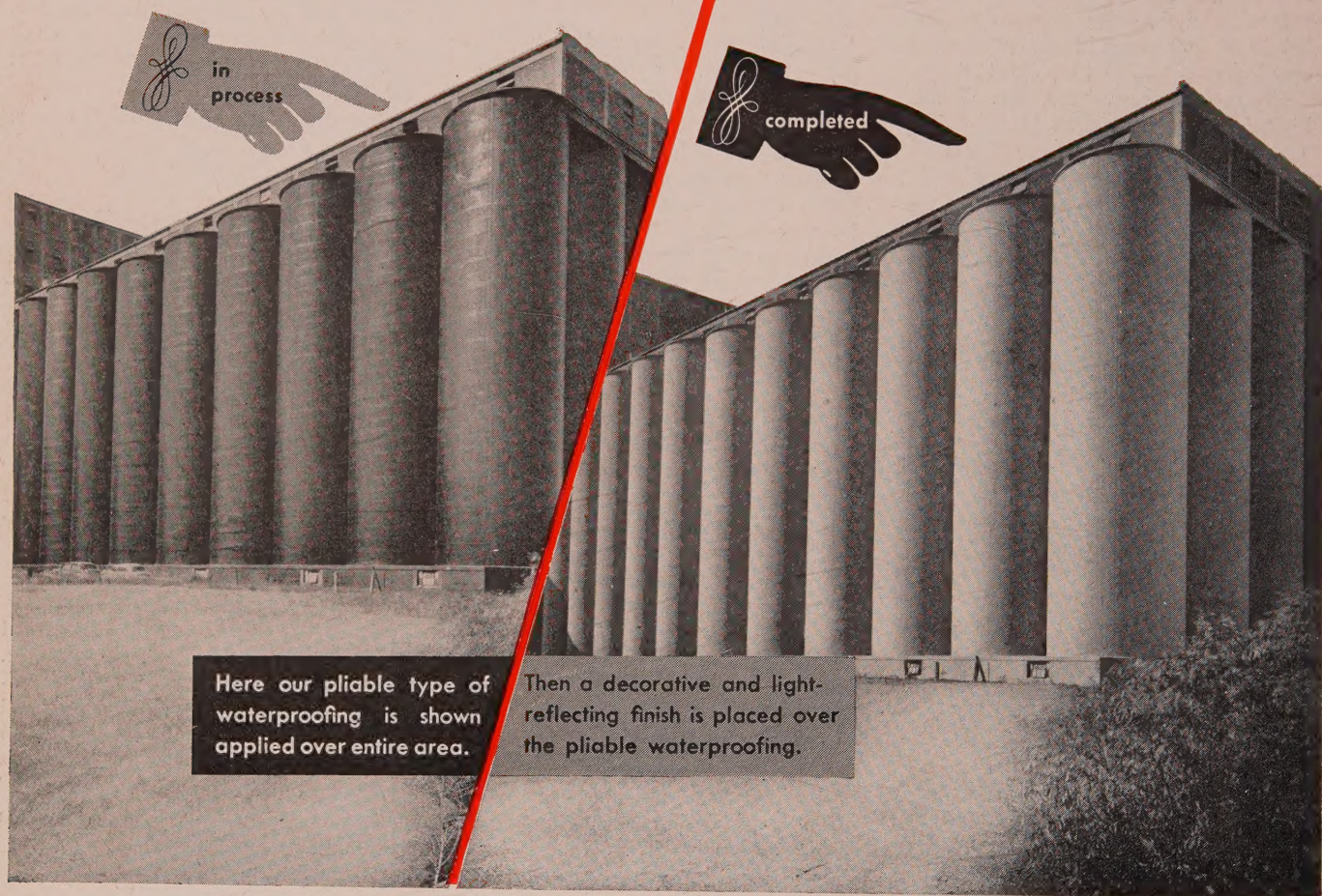
"Is that so?" queried the farmer's wife. "You know, the baby mislaid my regular scale that day, so I had to use that pound of sugar you sold me."



THE *Weevil-Cide* COMPANY
THE DEPENDABLE GRAIN FUMIGANT

1110 HICKORY STREET
KANSAS CITY, MO.

Protecting America's Grain... **by Repairing and Waterproofing** **GRAIN ELEVATOR CONSTRUCTION**



Complete Contract Service
 ...HORN tested materials... HORN skilled
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